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Client's ref.:A03004 File: 0535-9769US/final/ChenTF Kevin

1. A disc drive, comprising:

What is claimed is:

•	I. A disc direct compassions.
2	a tray;
3	a bracket connected to the tray;
4	a lever pivotally connected to the bracket;
5	a latching member pivotally connected to the lever
6	and having a first protrusive portion, the
7	latching member being rotated in a first
8	direction independently but accompanied by the
9	lever when rotating in a second direction;
10	a solenoid connected to the bracket and movably
11	connected to the lever;
12	a stopper engaged with the latching member to lock
13	the tray;
14	a rail having a second protrusive portion,
15	wherein the lever is forced to rotate the latching
16	member in the first direction, the latching
17	member is disengaged from the stopper to eject
18	the tray, and then the first protrusive portion
19	of the latching member is pressed by the second
20	protrusive portion of the rail so as to rotate
21	the latching member in the second direction and
22	move the latching member and the lever back.
1	2. The disc drive as claimed in claim 1 further
2	comprising a torsion spring mounted on the lever, wherein
3	one end of the torsion spring abuts the latching member
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to move the latching member back after the latching

member rotates in the first direction.

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- 3. The disc drive as claimed in claim 2, wherein the latching member rotates in the first direction to disengage from the stopper for releasing the tray, the lever is not moved with the latching member.
- 4. The disc drive as claimed in claim 2, wherein the latching member rotates in the second direction because of the torsion spring, the second protrusive portion presses the first protrusive portion so as to move the lever and the latching member back.
 - 5. The disc drive as claimed in claim 1 further comprising a compression spring fixed to the lever in one end and contacted the tray in the other end, the lever is pressed by the compression spring as the lever is disconnected with the solenoid, and the lever rotates the latching member so as to disconnect the latching member and the stopper.
- 6. The disc drive as claimed in claim 1, wherein the rail has a concave portion adjacent to the second protrusive portion such that the first protrusive portion is moved along the concave portion and then pressed against the second protrusive portion to move the latching member and the lever back.
- 7. The disc drive as claimed in claim 1, wherein the lever and the latching member are pivotally connected on the bracket by a fastener.